



POSTGRES 1st

Postgres 1st (PGF) – The Postgres Purists

Key Highlights of Postgres 1st (PGF)



Fully Auditable code Development

No proprietary forks
or restrictions.



No Vendor Lock- in

Fully compatible with
standard PostgreSQL.



Enterprise Grade Tools

High availability,
monitoring, backups,
and optimized
performance.



Code Available to All

Deep commitment
to PostgreSQL's
based ethos.



Expert Support

Supported by
PostgreSQL core
contributors and
experienced industry
veterans.



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PGF Tool Suite – Enterprise Subscription

01

PGF CopyCascade & pgactive – Seamless replication with multiwrite capability

02

PGF DataGuardian – Backup & recovery

03

PGF WatchTower – Real- time monitoring

04

PGF AuditShield – Compliance & auditing

05

PGF MapCore – Advanced geospatial capabilities

06

PGF TraceMiner – Log analysis & health checks

07

PGF OptiSQL – Query optimization

08

PGF InsightMax – Performance analytics

09

PGF HintGenius – Intelligent query hinting

10

PGF Pal – AI for Postgres



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PGF Pal : The AI-Powered Database Management

Effortless. Intelligent. Always On.

PGF Pal is your AI-powered assistant that **automates, optimizes, and simplifies** database operations—so you can focus on what matters.

- **Smart Query Handling** – Write, debug, and optimize SQL effortlessly.
- **Automated Workflows** – Routine tasks? Let AI handle them.
- **Real-Time Insights** – Get proactive suggestions for performance tuning.
- **Natural Language Support** – Just ask, and PGF Pal understands.

Smarter databases start here.....



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Security and Compliance – Enterprise Subscription

Authentication and Authorization

- Supports multiple authentication methods including MD5, LDAP, and GSSAPI
- Allows role- based access control (RBAC) for fine- grained permission management
- Provides controlled access to database objects with GRANT and REVOKE commands
- Implements row- level security (RLS) policies for additional data protection



Compliance with Government Standards

- Ensures data protection and privacy compliance with regulations like GDPR and HIPAA
- Provides auditing and logging capabilities for compliance reporting
- Adheres to industry standards for secure database management
- Allows the implementation of custom compliance controls based on specific regulatory requirements

Encryption and Data Integrity

- Supports Transparent Data Encryption (TDE) for data security at rest
- Utilizes SSL/TLS protocols for secure data transmission
- Implements data integrity checksums to detect and prevent data corruption
- Supports external tools for encryption key management



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PGF Service Level Agreement

Capabilities	Postgres 1st	Postgres 1st Enterprise
Postgres	Community Postgres	Enterprise Postgres
Tools	Community Tools	PGF tools
AI	*	AI driven capabilities and support
Compliance	*	Security and Compliance
Availability	24 hours x 7days	24 hours x 7days
Initial Response time	30 minutes	15 minutes
Resolution Goal		
Sev-1	6 hours	4 hours
Sev-2	24 hours	12 hours
Sev-3	2 days	1 days

- We will make **commercially reasonable efforts** to offer Support for the software you have subscribed to.
- Support includes:
 - **Break/Fix assistance**
 - **Troubleshooting support** for the subscribed software
- We will strive to **respond to a Support Request within the Initial Response Time**.
- All support will be provided in **English**, unless otherwise mutually agreed upon in writing.
- During your **active paid subscription**, Support will be available for:
 - **Each new release** of the subscribed software
 - **On its General Release Date**
- You are expected to **cooperate with and assist us** as reasonably required to help perform Support, including:
 - Providing all necessary **information and assistance**
- "**Initial Response**" refers to our **acknowledgment of a Support Request** received from you.
- * Denotes no or limited support



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